



PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0081  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

340/AB764  
\$

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/939,166
Filing Date	24 August 2001
First Named Inventor	BOYNTON, Thomas A., et al
Art Unit	3764
Examiner Name	DEMILLE, Danton D.
Attorney Docket Number	VAC.715.US
Total Number of Pages in This Submission	

## ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Information Disclosure Statement Under 37 C.F.R. 1.99(c)(2) 2nd Supplemental; PTO/SB/08A w/copies of foreign patents and non-patent literature; acknowledgment postcards
<div>Remarks</div>		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

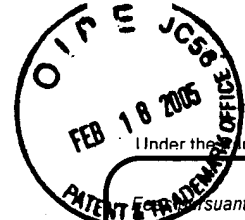
Firm Name	Kinetic Concepts, Inc.		
Signature			
Printed name	Robert W. Mason		
Date	2/15/2005	Reg. No.	42,848

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Robert W. Mason	Date	2/15/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Effective on 12/08/2004.

Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

**Complete if Known**

Application Number	09/939,166
Filing Date	24 August 2001
First Named Inventor	BOYNTON, Thomas A.
Examiner Name	DEMILLE, Danton D.
Art Unit	3764
Attorney Docket No.	VAC.715.US

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 500326 Deposit Account Name: Kinetic Concepts Inc.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
_____ - 20 or HP = _____	x _____	= _____				
HP = highest number of total claims paid for, if greater than 20.						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
_____ - 3 or HP = _____	x _____	= _____				
HP = highest number of independent claims paid for, if greater than 3.						

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): IDS Late Surcharge Fee

180.00

**SUBMITTED BY**

Signature	<u>Robert W. Mason</u>	Registration No. (Attorney/Agent) 42,848	Telephone 210 255 6271
Name (Print/Type)	Robert W. Mason		Date 15 February 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: §  
BOYNTON, Thomas A. §  
et al §  
Serial No.: 09/939,166 §  
Filed: 24 August 2001 §  
For: NEGATIVE PRESSURE §  
ASSISTED TISSUE §  
TREATMENT SYSTEM §

Examiner: DEMILLE, Danton D

Group Art Unit: 3764

Attorney Docket No.: VAC.715.US

MAIL STOP AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.

15 February 2005  
Date

*Cherie E. Ridout*  
Cherie E. Ridout

Dear Sir or Madam:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §1.97 (c)(2)**  
**Second Supplemental Statement**

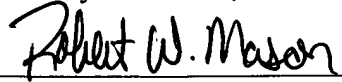
In compliance with the duty of disclosure set forth in 37 C.F.R. §1.56, Applicants are submitting herewith a Form PTO/SB/08A and a copy of the references listed thereon. This Information Disclosure Statement is being filed more than three months after the filing date of the application and after a Final Office Action. Accordingly, this Information Disclosure Statement is being filed in accordance with 37 C.F.R. §1.97(c)(2). Prosecution of the application has not been closed in view of the response filed 14 February 2005, provoking an advisory action and placing the claims in condition for allowance. The Commissioner is authorized to charge the required fees to deposit account no. 500326.

02/18/2005 SMINASSI 00000070 500326 09939166

01 FC:1806 180.00 DA

Applicants respectfully request full and proper consideration of the listed information during examination of the application, and that the listed information be printed on any patent that issues therefrom.

Respectfully submitted,



Robert W. Mason

Reg. No. 42,848

Attorney for the Applicant

Telephone: (210) 255-6271

Facsimile: (210) 255-6969

Enclosures: Fee Transmittal;  
Transmittal Form;  
Form PTO/SB/08A (7 pages) with copies of foreign patents and non-patent literature documents; and  
Acknowledgment Postcard



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	09/939,166
Filing Date	24 August 2001
First Named Inventor	BOYNTON, Thomas A.
Art Unit	3764
Examiner Name	DEMILLE, Danton D.
Attorney Docket Number	VAC.715.US

Sheet 1 of 7

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 1355846	10-19-1920	Rannells	Figs. 1,2
		US- 2547758	04-03-1951	Keeling	Fig. 2
		US- 2632443	03-24-1953	Leshar	Figs. 1-3
		US- 2682873	07-06-1954	Evans et al.	Fig. 2
		US- 2969057	01-24-1961	Simmons	Figs. 1-6
		US- 3367332	02-06-1968	Groves	Figs. 1, 4
		US- 3648692	03-14-1972	Wheeler	Fig. 1
		US- 3682180	08-08-1972	McFarlane	Fig. 3
		US- 3826254	07-30-1974	Mellor	Fig. 2
		US- 4080970	03-28-1978	Miller	Column 1 - Column 3
		US- 4096853	06-27-1978	Weigand	Column 3, Lines 2-20
		US- 4139004	02-13-1979	Gonzalez	Column 4
		US- 4165748	08-28-1979	Johnson	Fig. 2
		US- 4245630	01-20-1981	Lloyd et al.	Fig. 1
		US- 4261363	04-14-1981	Russo	Figs. 1, 4, 5
		US- 4275721	06-30-1981	Olson	Fig. 1
		US- 4284079	08-18-1981	Adair	Fig. 3
		US- 4297995	11-03-1981	Golub	Fig. 1
		US- 4333468	06-08-1982	Geist	Fig. 2, 4

**FOREIGN PATENT DOCUMENTS**

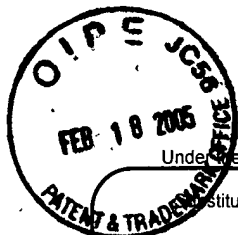
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
		AU-550575-A1	08-26-1982	Wright	P.4, lines 7-10	
		EP-0100148	02- 1984	Naylor, et al	Abstract	
		WO/0318098 A2	03-06-2003	KCI Licensing		
		WO 97/18007	05-22-1997	Hunt		
		EP-0161865	11-21-1985	Ward		
		EP-0117632-A2	01-1984	JMcCracken		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Institute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 7**Complete if Known**

Application Number	09/939,166
Filing Date	24 August 2001
First Named Inventor	BOYNTON, Thomas A.
Art Unit	3764
Examiner Name	DEMILLE, Danton D.
Attorney Docket Number	VAC.715.US

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4373519	02-15-1983	Errede et al.	Column 4
		US- 4382441	05-10-1983	Svedman et al	Figs.3-5
		US- 4392853	07-12-1983	Muto	Fig. 11
		US- 4392858	07-12-1983	George et al.	Column 3, Lines 5-58
		US- 4419097	12-06-1983	Rowland	Fig. 8
		US- 4475909	10-09-1984	Eisenberg	Figs. 1, 3, 6
		US- 4480638	11-06-1984	Schmid	Figs. 2, 3
		US- 4525166	06-25-1985	Leclerc	Column 5-6
		US- 4525374	06-25-1985	Vailancourt	
		US- 4540412	09-10-1985	Van Overloop	Column 2
		US- 4543100	09-24-1985	Brodsky	Fig. 4
		US- 4551139	11-05-1985	Plaas et al.	C1, L 66 - C2, L68
		US- 4569348	02-11-1986	Hasslinger	C2, L50 - C4, L 27
		US- 4605399	08-12-1986	Weston et al.	Fig. 3
		US- 4608041	08-26-1986	Nielson	
		US- 4640688	02-03-1987	Hauser	Fig. 2
		US- 4655754	04-07-1987	Richmond et al.	Column 1, Line 39-44
		US- 4733659	03-29-1988	Edenbaum et al.	Fig. 1
		US- 4743232	05-10-1988	Kruger	Figs. 2-4

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		PCT/GB98/02713	09-09-1998	KCI Medical Ltd		
		AU-745271	03-14-2002	KCI Medical Ltd		
		SG-71559	04-16-2002	KCI Medical Ltd		
		GB-2,329,127 B	08-16-2000	KCI Medical Ltd		
		GB-2,333,965 A	08-11-1999	KCI Medical Ltd		
		AU-755496	12-12-2002	KCI Medical Ltd		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Institute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	09/939,166
Filing Date	24 August 2001
First Named Inventor	BOYNTON, Thomas A.
Art Unit	3764
Examiner Name	DEMILLE, Danton D.
Attorney Docket Number	VAC.715.US

Sheet 3 of 7

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4787888	11-29-1988	Fox	Figs. 1, 4-6
		US- 4826949	05-02-1989	Richmond et al.	Column 1
		US- 4838883	06-13-1989	Matsuura	Fig. 7
		US- 4840187	06-20-1989	Brazier	Column 2, Line 34-42
		US- 4863449	09-05-1989	Therriault et al.	Column 3, Line 45-68
		US- 4872450	10-10-1989	Austad	Column 3-4
		US- 4878901	11-07-1989	Sachse	
		US- 4897081	01-30-1990	Poirier et al.	C3, L25 - C4
		US- 4906233	03-06-1990	Moriuchi et al.	Abstract
		US- 4906240	03-06-1990	Reed et al.	Fig. 1
		US- 4919654	04-24-1990	Kalt	Column 3, Line 8-39
		US- 4941882	07-17-1990	Ward et al.	Column 3, Line 38-64
		US- 4953565	09-04-1990	Tachibana et al.	Fig. 1
		US-			
		US- 4985019	01-15-1991	Michelson	Column 1, Line 47-58
		US- 5037397	08-06-1991	Kalt et al.	Figs.1, 2, 4, 6
		US-			
		US- 5149331	09-22-1992	Ferdman et al.	Column 2, Line 12-34
		US- 5167613	12-01-1992	Karami et al.	Figs. 4-5

**FOREIGN PATENT DOCUMENTS**

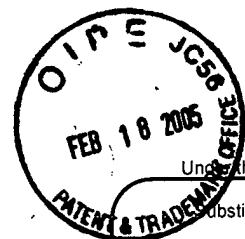
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		GB-692,578	06-10-1953	Minnesota Min..		
		WO 80/02182	10-16-1980	Moss, James		
		WO/94/20041	09-15-1994	WFU/Argenta, L.		
		DE-295 04 378 U1	09-14-1995	MTG		
		DE-43 06 478 A1	09-08-1994	Wagner, W.		
		CA-2005436	06-30-1990	Kalt, Glenda G.		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4 of 7

**Complete if Known**

Application Number	09/939,166
Filing Date	24 August 2001
First Named Inventor	BOYNTON, Thomas A.
Art Unit	3764
Examiner Name	DEMILLE, Danton D.
Attorney Docket Number	VAC.715.US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5176663	01-05-1993	Svedman et al	C1, L55 - C2, L8
		US- 5232453	08-03-1993	Plass et al.	Fig. 2, 5
		US- 5298015	03-29-1994	Komatsuzaki et al.	Abstract
		US- 5344415	09-06-1994	Debusk et al.	Column 2, Line 9 -42
		US- 5358494	10-25-1994	Svedman	Column 2, Line 34-47
		US- 5556375	09-17-1996	Ewall	C3, L62 - C4, L65
		US- 5607388	03-04-1987	Ewall	Column 3-4
		US- 20020115951 A1	08-22-2002	Norstream et al.	
		US- 20020120185 A1	08-29-2002	Johnson	Fig 3
		US- 20020143286 A1	10-03-2002	Tumey	Paragraph 26
		US- 6488643	12-03-2002	Tumey et al.	
		US- 6493568	12-10-2002	Bell, et al.	
		US- 4,233,969	11-18-1980	Lock, et al.	C2, Lines 25 - 53
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO 93/09727	05-27-1993	Wake Forest Un.		
		GB-2 197 789 A	06-02-1988	Smith Industrie		
		EP-0358 302	03-14-1990	Smith Industrie		
		DE 26 40 413 A1	03 09 1978	Wolf, Richard		
		EP1018967 B1	08-18-2004	Heaton, et al		

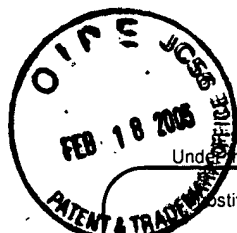
Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.





Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 5 of 7

**Complete if Known**

Application Number	09/939,166
Filing Date	24 August 2001
First Named Inventor	BOYNTON, Thomas A.
Art Unit	3764
Examiner Name	DEMILLE, Danton D.
Attorney Docket Number	VAC.715.US

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,437,622	08-01-1995	Carion, Jean-Pierre	
		US-			
		US- 6,553,998	04-29-2003	Heaton, K., et al	
		US- 6,814,079	11-09-2004	Heaton, K., et al	
		US- 5,437,651	08-01-1995	Todd, R., et al	
		US- 5,549,584	08-27-1996	Gross, James R.	
		US- 5,134,994	08-04-1992	Say, Sam L.	
		US- 4,710,165	12-01-1987	McNeil, C.B., et al	
		US- 3,520,300	07-14-1970	Flower, Guiles	
		US- 4,758,220	07-19-1988	Sundblom, L., et al	
		US- 5,279,550	01-18-1994	Habib, Magdi, et al	
		US- 5,092,858	03-03-1992	Benson C.D., et al	
		US- 5,086,170	02-04-1992	Luheshi A., et al	
		US- 5,278,100	01-11-1994	Doan, T., et al	
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

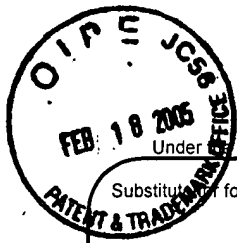
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Substitution form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	09/939,166
Filing Date	24 August 2001
First Named Inventor	BOYNTON, Thomas A.
Art Unit	3764
Examiner Name	DEMILLE, Danton D.
Attorney Docket Number	VAC.715.US

Sheet 6

of

7

**NON PATENT LITERATURE DOCUMENTS**

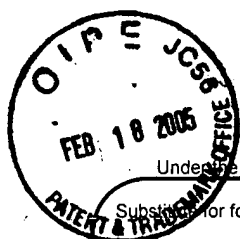
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		LOUIS C. ARGENTA, MD and MICHAEL J. MORYKWAS, PHD; Vacuum-Assisted Closure: A New Method for Wound Control and Treatment: Clinical Experience; Annals of Plastic Surgery, ...	
		SUSAN MENDEZ-EASTMAN, RN; When Wounds Won't Heal, RN January 1998, Volume 61(1); Medical Economics Company, Inc., Montvale, NJ, USA.	
		JAMES H. BLACKBURN, II, MD. et al; Negative-Pressure Dressings as a Bolster for Skin Grafts; Annals of Plastic Surgery, Volume 40, Number 5, May 1998, pages 453-457; ....	
		JOHN MASTERS; Letter to the editor; British Journal of Plastic Surgery, 1998, Volume 51(3), page 267; Elsevier Science/The British Association of Plastic Surgeons, UK	
		S.E. GREER, et al; The Use of Subatmospheric Pressure Dressing Therapy to Clos Lymphocutaneous Fistulas of the Groin; British Journal of Plastic Surgery (2000), 53 ....	
		GEORGE V. LETSOU, M.D., et al; Stimulation of Adenylate Cyclase Activity in Cultured Endothelial Cells Subjected to Cyclic Stretch; Journal of Cardiovascular Surgery, 31, 1990	
		PCT International Search Report; PCT international application PCT/GB98/02713; June 8, 1999	
		PCT Written Opinion; PCT international application PCT/GB98/02713; June 8, 1999	
		PCT International Examination and Search Report, PCT international application PCT/GB96/02802; Jan. 15, 1998 and April 29, 1997	
		PCT Written Opinion, PCT international application PCT/GB/96/02802; September 3, 1997	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Substitute for form 1449/PTO

**Complete if Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

7

of

7

Application Number

09/939,166

Filing Date

24 August 2001

First Named Inventor

BOYNTON, Thomas A.

Art Unit

3764

Examiner Name

DEMILLE, Danton D.

Attorney Docket Number

VAC.715.US

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		KOSTYUCHENOK, B.M., et al. ;Vacuum Treatment in the Surgical Management of Purulent Wounds; Vestnik Khirurgi, September 1986	
		DAVYDOV, Yu. A., et al; Vacuum Therapy in the Treatment of Purulent Lactation Mastitis; Vestnik Khirurgi, September 1986	
		YUSUPOV, Yu. N., et al; Active Wound Drainage, Vestnik Khirurgi, Vol. 138, Issue 4, 1987.	
		DAVYDOV, Yu. A., et al; Bacteriological and Cytological Assessment of Vacuum Therapy of Purulent Wounds; Vestnik Khirurgi, October 1988	
		DAVYDOV, Yu. A., et al; Concepts For the Clinical-Biological Management of the Wound Process in the Treatment of Purulent Wounds by Means of Vacuum Therapy; Vestnik Khirurgi	
		International Search Report for PCT international application PCT/GB95/01983; November 23, 1995	
		Patent Abstract of Japan; JP4129536; Terumo Corporation; April 30, 1992	
		PCT International Preliminary Examination Report for PCT International Application PCT/US02/27070; July 6, 2004	
		PCT Written Opinion for PCT International Application PCT/US02/27070; February 5, 2004	
		PCT International Search Report for International Application PCT/US02/27070; July 3, 2003	

Examiner  
Signature

Date

Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.